

Stein, Mark

From: Jordan, Ronald
Sent: Thursday, February 06, 2014 9:43 AM
To: DeMeo, Sharon M.
Subject: RE: Merrimack Station - quick question

You are correct. It is an annual value, so more precisely it is kW-hr/year

From: DeMeo, Sharon M.
Sent: Wednesday, February 05, 2014 11:50 AM
To: Jordan, Ronald
Subject: Merrimack Station - quick question

Hi Ron,

Thanks again for chatting with Mark and I last week. It was very helpful. I had mentioned an email that you sent me (see below), in 2011 where you had indicated that “[t]he chemical precipitation technology option is estimated to generate 1,976 tons of solids per year, and require 339,017 kW-hr of electricity.” I just want to confirm with you that the kW-hr value is an annual figure.

Thanks,

Sharon

Sharon DeMeo
US EPA – Region 1
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Non-water quality environmental impacts for FGD wastewater treatment options
Ronald Jordan

to:

Sharon DeMeo

09/16/2011 09:57 AM

Cc:

John King, Mark Stein, Jezebele Alicea, Jan Matuszko

Hide Details

From: Ronald Jordan/DC/USEPA/US

To: Sharon DeMeo/R1/USEPA/US@EPA

Cc: John King/R1/USEPA/US@EPA, Mark Stein/R1/USEPA/US@EPA, Jezebele Alicea/DC/USEPA/US@EPA, Jan Matuszko/DC/USEPA/US@EPA

Sharon,

On Sept 13, I sent you an email summarizing estimated costs and pollutant abatement technology options for treating the FGD wastewater at Merrimack Station.

In response to your question about non-water quality environmental impacts, the solid waste generation (i.e., treatment solids that require transport/disposal) and electricity demand associated with operation of the treatment technologies.

The chemical precipitation technology option is estimated to generate 1,970 tons of solids and require 339,017 kW-hr of electricity. Please keep in mind that these values are based on the characteristics of the FGD purge entering the treatment system, and thus the estimate includes solids that would have been removed if Merrimack Station had a settling pond or other system to meet the BPT effluent limits in 40 CFR part 423 (i.e., 401(d)(1)(ii)).